**Instructions:**

Cut out the organelle structure and function strips from Page 2.

Glue them onto the chart below.

You made need more than your textbook to help you complete this task.

**Organelle Structure and Function Chart**

|  |  |  |
| --- | --- | --- |
| **Organelle** | **Description of Structure** | **Organelle Function** |
| Cell Membrane |  |  |
| Nucleus |  |  |
| Lysosome |  |  |
| Ribosome |  |  |
| Endoplasmic Reticulum |  |  |
| Golgi Complex |  |  |
| Mitochondria |  |  |
| Chloroplast |  |  |
| Vacuole |  |  |
| Cell Wall |  |  |
| Cytoplasm |  |  |

|  |  |
| --- | --- |
| **Description of Structure** | **Organelle Function** |
| Clear, thick, jelly like | Selects which molecules enter or leave the cell |
| Rigid, strong, stiff, made of cellulose | Controls all of the cell’s functions |
| Fluid filled sacs. | Digests food particles, wastes and anything that has invaded the cell. |
| Small specks | Makes proteins according to the directions given by the DNA |
| Bean shaped with inner membranes | Produces lipids (fats), breaks down drugs and other substances, packages proteins for delivery out of the cell. |
| Small bags connected by tubes | Packages up and transports materials out of the cell. |
| Green, oval | Site of cellular respiration, breaks down glucose (food) into useable energy called ATP. |
| Clear tube system | Traps energy from sunlight, site of PS |
| Small, round | Stores food, water & sometimes wastes. |
| Large, dense, oval or ball shaped | Protects and gives the plant cell its shape |
| Thin, double layered, made of fat and protein | Suspends the cells’ organelles and is the site of many biochemical reactions. |